

Title (en)  
Dual mode switching device.

Title (de)  
Zweipunktschaltvorrichtung.

Title (fr)  
Dispositif de commutation à double mode de fonctionnement.

Publication  
**EP 0490712 A1 19920617 (FR)**

Application  
**EP 91402841 A 19911024**

Priority  
FR 9015597 A 19901213

Abstract (en)  
The device according to the invention involves at least one on/off switch (I) comprising, carried by a substrate, two conducting regions (4,5) as well as an electrically conducting elastic cup (6) in contact with the region (4) and extending, at rest, above the region (5) so as to be able to come into contact with the latter under the effect of a stress. An electrical signal originating from a source (9) is applied to the cup (6). A circuit (10,11) measures the variations in this signal due to the proximity of an electrically conducting object. <?>The invention makes it possible to produce matrix keyboards affording the functions of a conventional keyboard and a touch pad. <IMAGE>

Abstract (fr)  
Le dispositif selon l'invention fait intervenir au moins un interrupteur (I) comprenant, portées par un substrat, deux plages conductrices (4,5) ainsi qu'une capsule élastique (6) électriquement conductrice, en contact avec la plage (4) et s'étendant, au repos au-dessus de la plage (5) de manière à pouvoir venir au contact de celle-ci sous l'effet d'une sollicitation. Sur la capsule (6) est appliqué un signal électrique provenant d'une source (9). Un circuit (10, 11) mesure les variations de ce signal dues à la proximité d'un objet électriquement conducteur. L'invention permet de réaliser des claviers matriciels assurant les fonctions d'un clavier classique et d'une tablette tactile. <IMAGE>

IPC 1-7  
**H01H 13/70**; **H03K 17/96**

IPC 8 full level  
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Citation (search report)

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